

# Townsend Bearings



## Adhesives, Sealants and Repair Compounds



**Townsend  
Bearings**



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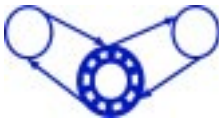
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Product	Strength	Size of Thread	Fuctional Strength (Typical @ 22°C)	Breakaway Torque M10	Long Term Temp. Resistance	Medium
<b>Loctite 222</b>	Low	Up to M36	6 Hrs	6 Nm	+150°C	Liquid
<b>Loctite 243</b>	Medium	Up to M36	2 Hrs	20 Nm	+150°C	Liquid
<b>Loctite 248</b>	Medium	Up to M50	6 Hrs	19 Nm	+150°C	Semi-Solid
<b>Loctite 268</b>	High	Up to M50	24 Hrs	25 Nm	+150°C	Semi-Solid
<b>Loctite 2701</b>	High	Up to M20	6 Hrs	38 Nm	+150°C	Liquid
<b>Loctite 290</b>	Med/High	Up to M6	3 Hrs	10 Nm	+150°C	Liquid
<b>Dunlop SAS 116</b>	Medium	-	20 min	12-17 Nm	-50°C - 150°C	Liquid



Product	Description	Mix Ratio		Working Life	Fixture Time	Colour	Viscosity	Operating Temperature
		By Volume	By Weight					
<b>Loctite Hysol 3421 A&amp;B</b>	2K-Epoxy	1:1	100:90	180 min	240 min	Clear Amber	40 Pa.s	up to 100°C
<b>Loctite Hysol 3430 A&amp;B</b>	2K-Epoxy	1:1	100:100	4 min	12 min	Ultra Clear	25 Pa.s	up to 80°C
<b>Loctite Hysol 3450 A&amp;B</b>	2K-Epoxy	1:1	100:105	4 min	12 min	Grey	35 Pa.s	up to 100°C
<b>Loctite Hysol 9466 A&amp;B</b>	2K-Epoxy	2:1	100:50	60 min	180 min	Off-White	30 Pa.s	up to 120°C
<b>Loctite Hysol 9492 A&amp;B</b>	2K-Epoxy	2:1	100:50	15 min	75 min	White	30 Pa.s	up to 180°C
<b>Loctite 330/7388 Multi-Bond</b>	2-part acrylic (no mix)	-	-	-	5 min	Light Amber	67.5 Pa.s	up to 100°C



Product	Description	Max. Pipe Size	Disassembly Strength	Substrate to be sealed	Temp. Resistance	Instant Low Pressure Seal
<b>Loctite 55</b>	Cord	Tested to 4"	Low	Metal, Plastic or both	+130°C	Yes (full pressure)
<b>Loctite 5331</b>	Curing Gel	3"	Low	Metal, Plastic or both	+150°C	Yes
<b>Loctite 542 (Hydraulic &amp; Pneumatic)</b>	Curing Liquid	3/4"	Medium	Metal	+150°C	No
<b>Loctite 577 (General Purpose)</b>	Curing Gel	3"	Medium	Metal	+150°C	Yes
<b>Loctite 572 (Slow Cure)</b>	Curing Gel	3"	Medium	Metal	+150°C	No
<b>Loctite 561</b>	Curing Semi-Solid	3"	Low	Metal	+150°C	Yes



Product	Gasket Type	Flange Type	Cure Method	Tack-Free Time	Temp. Resistance	Instant Seal	Resistance Oil	Resistance Water/Glycol
<b>Loctite 5203</b>	Formed-in-Place	Rigid	Anaerobic	N.A.	150°C	Excellent	Excellent	Excellent
<b>Loctite 3020</b>	Use with cut-gasket	Rigid or Flexible	Solvent Evaporation	N.A.	N.A.	Excellent	N.A.	N.A.
<b>Loctite 574</b>	Formed-in-Place	Rigid	Anaerobic	N.A.	150°C	Excellent	Excellent	Excellent
<b>Loctite 518</b>	Formed-in-Place	Rigid	Anaerobic	N.A.	150°C	Excellent	Excellent	Excellent
<b>Loctite 510</b>	Formed-in-Place	Rigid	Anaerobic	N.A.	up to 200°C	Excellent	Excellent	Excellent
<b>Loctite 5205</b>	Formed-in-Place	Rigid	Anaerobic	N.A.	150°C	Excellent	Excellent	Good
<b>Loctite 5910</b>	Formed-in-Place	Flexible	Moisture	20 min	200°C	Excellent	Excellent	Moderate
<b>Loctite 5699</b>	Formed-in-Place	Flexible	Moisture	10 min	200°C	Excellent	Good	Excellent



Product	Strength Required	Handling Strength	Diametrical Clearance	Temperature Resistance
<b>Loctite 660</b>	High	20 min	Up to 0.5mm	150°C
<b>Loctite 641</b>	Medium	30 min	Up to 0.1mm	150°C
<b>Loctite 648</b>	High	5 min	Up to 0.15mm	175°C
<b>Loctite 638</b>	High	8 min	Up to 0.25mm	150°C
<b>Loctite 603</b>	High	8 min	Up to 0.1mm	150°C



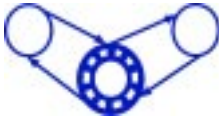
# Instant Bonding



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Product	Operating Temperature	Fixture Time	Viscosity (mPa.s)	Especially for
<b>Loctite 406</b>	Up to 80°C	10-20 sec	20	Plastics
<b>Loctite 454</b>	Up to 80°C	5-20 sec	Gel	Porous Substrates
<b>Loctite 480</b>	Up to 100°C	60-120 sec	300	Metal/Plastics
<b>Loctite 4850</b>	Up to 70°C	5-20 sec	400	Flexible Substrates
<b>Loctite 4062</b>	Up to 80°C	3-20 sec	2	Metal/Plastics
<b>Loctite 401</b>	Up to 80°C	5-20 sec	110	Porous Substrates
<b>Loctite 431</b>	Up to 80°C	5-20 sec	1000	Porous Substrates



Product	Operating Temperature	Fixturing Time	Viscosity (mPa.s)	Material	Wicking Grade
<b>Loctite 302</b>	+100°C	1-10 sec	100	Plastic	Yes
<b>Loctite 322</b>	+100°C	1-10 sec	5800	Plastic	No
<b>Loctite 350</b>	+120°C	5-20 sec	5500	Glass (Horizontal)	-
<b>Loctite 352</b>	Up to 120°C	5-20 sec	19500	Glass (Vertical)	-



Product	Operating Temp.	Paintable	Cure Method	Skin-Over Time	Viscosity	Especially For	Colour Variations
<b>Loctite 5145</b>	Up to 200°C	No	Moisture	70 min	Paste	Electrical Components	Translucent
<b>Loctite 5366 / 67 / 68</b>	Up to 250°C	No	Moisture	5 min	Paste	Glass	5366 - Clear 5367 - White 5368 - Black
<b>Loctite 5398</b>	350°C	No	Moisture	8-10 min	Liquid	Sealing/Potting	Red
<b>Loctite 5399</b>	Up to 350°C	No	Moisture	5 min	Paste	Oven Door Seals Heat source sealing	Red
<b>Loctite 5221 / 25/ 26</b>	Up to 80°C	Yes	Moisture	70 min	Paste	Flexible, medium strength bonds	5221 - Grey 5225 - White 5226 - Black
<b>Loctite 5062 / 63 / 64 / 65 / 66 / 68 / 69</b>	Up to 100°C	Yes	Moisture	15 min	Paste	Flexible bonds Joint sealing	<b>Low Strength</b> 5062 - Black 5063 - Grey 5064 - White <b>Medium Strength</b> 5065 - Black 5066 - Dark-Grey 5068 - White <b>High Strength</b> 5069 - Black



Product	Description	Mix Ratio		Working	Fixture	Viscosity	Operating Temp.	Strength (N/mm <sup>2</sup> )	
		By Volume	By Weight					Shear	Compressive
<b>Loctite Hysol 3471 A&amp;B (Metal Set S1 - Steel)</b>									
	2K-Epoxy	1:1	100:100	45 min	180 min	Putty	120°C	20	70
<b>Loctite Hysol 3472 A&amp;B (Metal Set S2 - Steel)</b>									
	2K-Epoxy	1:1	100:100	45 min	180 min	Liquid	120°C	20	75
<b>Loctite Hysol 3473 A&amp;B (Metal Set S3 - Steel)</b>									
	2K-Epoxy	1:1	100:100	6 min	15 min	Putty	120°C	20	60
<b>Loctite Hysol 3475 A&amp;B (Metal Set A1 - Aluminium)</b>									
	2K-Epoxy	1:1	100:100	45 min	180 min	Putty	120°C	20	70
<b>Loctite Hysol 3479 A&amp;B (Metal Set HTA - Aluminium)</b>									
	2K-Epoxy	1:1	100:100	40 min	150 min	Putty	190°C	20	90
<b>Loctite Hysol 3474 A&amp;B (Metal Set M - Mineral)</b>									
	2K-Epoxy	1:1	100:100	45 min	180 min	Putty	120°C	20	70



Product	Description	Colour	Materials	For Use With:
<b>Loctite 7251</b>	Primer	Black	Plastics, Painted Materials Wood	Loctite 5221, 5225, 5226
<b>Loctite 7252</b>	Primer	Black	Glass & Glazed Material	Loctite 5221, 5225, 5226
<b>Loctite 7253</b>	Primer	Clear	Bare Metallic surfaces	Loctite 5221, 5225, 5226
<b>Loctite 7239</b>	Primer	Clear	General Purpose	Loctite 401, 406, 431, 454, 480 or 4850
<b>Loctite 7458</b>	Activator	Clear	Cures excess adhesive	Loctite 401, 406, 431, 454, 4850
<b>Loctite 7240</b>	Activator	Blue-Green	Passive Surfaces inc. Stainless Steel & Aluminium	Loctite 222, 243, 2701, 290, 501, 518, 5203, 5208, 542, 572, 577, 603, 638 641, 648, 660



Product	Description	Used For:
<b>Loctite 7855</b>	Hand Cleaner	Ink, Paint or Resin on Hands
<b>Loctite 7850</b>	Hand Cleaner	General Purpose
<b>Loctite 7039</b>	Contact Cleaner Spray	Electrical Contacts
<b>Loctite 7200</b>	Gasket Remover	Gasket Remover
<b>Loctite 7063</b>	Cleaner & Degreaser	General Parts Cleaner
<b>Loctite 7044</b>	Cleaner	U-PVC Pipe Cleaner
<b>Loctite 7840</b>	Cleaner & Degreaser	Large surfaces, i.e. worktops



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